

# **CD Table of Contents**

(Filename used on CD are shown)

<b>Accuracy in the obstacle localisation using vision .....</b>	18ESV-000166.pdf
<b>Achieving design target through stochastic impact simulations.....</b>	18ESV-000547.pdf
<b>Active Safety Of Trucks And Road Trains With Wide Base Single Tyres on Drive Axles Instead Of Twin Tyres.....</b>	18ESV-000497.pdf
<b>Advanced FE Lower Limb Model for Pedestrians .....</b>	18ESV-000218.pdf
<b>An advanced testing procedure for the pedestrian-car-collision.....</b>	18ESV-000272.pdf
<b>ADVISER: a software tool for evaluation and rating of numerical models in crash safety analyses.....</b>	18ESV-000483.pdf
<b>Air Bag Crash Investigations.....</b>	18ESV-000299.pdf
<b>Airbag Deployments and Ocular Injuries of Occupants.....</b>	18ESV-000141.pdf
<b>Analysis of Computer Models for Head Injury Investigation .....</b>	18ESV-000473.pdf
<b>An Analysis of Heavy Truck Occupant Protection Measures .....</b>	18ESV-000225.pdf
<b>Analysis of Large Truck Accidents in Japan .....</b>	18ESV-000243.pdf
<b>Analysis of VSC's effectiveness from accident data.....</b>	18ESV-000541.pdf
<b>ANCAP Future Technical Directions.....</b>	18ESV-000470.pdf
<b>Applications of the Crash Injury Research and Engineering Network (CIREN) Database .....</b>	18ESV-000409.pdf
<b>Assessing the Safety Benefit of Automatic Collision Avoidance Systems.....</b>	18ESV-000381.pdf
<b>Assessment of the Biofidelity Thor and Hybrid III ATD Knee- Thigh-Hip Complexes in Frontal Impacts.....</b>	18ESV-000160.pdf
<b>Australian NCAP Future Strategy .....</b>	18ESV-000469.pdf
<b>Australian Research to Support the IHRA Vehicle Compatibility Working Group.....</b>	18ESV-000274.pdf
<b>A Balanced Active and Passive Safety Technology Concept for new Vehicle Generations .....</b>	18ESV-000352.pdf
<b>Benefit potential of ESP in real accident situations involving cars and trucks .....</b>	18ESV-000150.pdf

# **CD Table of Contents**

(Filename used on CD are shown)

<b>Benefits of a 3+2 point belt and an inboard torso side support in frontal, far side and rollover crashes .....</b>	18ESV-000451.pdf
<b>Biofidelity Impact Response Requirements For An Advanced Mid-Sized Male Crash Test Dummy .....</b>	18ESV-000076.pdf
<b>Broadside collision scenarios at uncontrolled intersections.....</b>	18ESV-000267.pdf
<b>Change of Velocity and Crash Pulse Characteristics in Rear Impacts: Real-World Data and Vehicle Tests.....</b>	18ESV-000285.pdf
<b>Characterization of a Single-Vehicle Road Departure Avoidance Maneuver .....</b>	18ESV-000308.pdf
<b>Child Restraint System Assessment Program in Japan .....</b>	18ESV-000241.pdf
<b>Child safety: who's move is it?.....</b>	18ESV-000275.pdf
<b>Combining Crash Recorder and Paired Comparisons Technique: Injury Risk Functions in Frontal and Rear-end Impacts with Special Reference to Neck Injuries.....</b>	18ESV-000404.pdf
<b>Combining The Finite Element Models Of The Ford Falcon And Subaru Legacy To Improve Vehicle Compatibility .....</b>	18ESV-000117.pdf
<b>A Comparison of Injury Criteria Used in Evaluating Seats for Whiplash Protection .....</b>	18ESV-000099.pdf
<b>Compatibility for frontal impact collisions between heavy and light cars.....</b>	18ESV-000454.pdf
<b>Computational Simulation for Head Impact on Vehicle Hoods Using the Precise Finite Element Model.....</b>	18ESV-000237.pdf
<b>Continuously Predicting Crash Severity .....</b>	18ESV-000314.pdf
<b>Countermeasures to Address Far-Side Crashes: First Results .....</b>	18ESV-000447.pdf
<b>Crash Attributes that Influence Aortic Injuries in Near-Side Crashes.....</b>	18ESV-000232.pdf
<b>Crash Attributes that Influence the Severity of Rollover Crashes....</b>	18ESV-000231.pdf
<b>Crash Pulse Modeling for Vehicle Safety Research.....</b>	18ESV-000501.pdf

# **CD Table of Contents**

(Filename used on CD are shown)

<b>Crash Simulations of a 3 wheeled scooter taxi (TST).....</b>	18ESV-000058.pdf
<b>Crash Testing For Real-World Safety – What Are The Priorities For Casualty Reduction?.....</b>	18ESV-000351.pdf
<b>The danger to young pedestrians from reversing motor vehicles .....</b>	18ESV-000466.pdf
<b>Design Requirements for a Fifth Percentile Female Version of the THOR ATD .....</b>	18ESV-000421.pdf
<b>DESIGNING THE FRONT FRAME RAIL FOR INCREASED ENERGY ABSORPTION IN A FRONT OFFSET CAE ANALYSIS .....</b>	18ESV-000282.pdf
<b>Developing a new seat systems to reduce whiplash injuries by K-D neck model(a new biomechanical cervical model) .....</b>	18ESV-000203.pdf
<b>Development of a Biofidelic Pedestrian Legform Impactor .....</b>	18ESV-000378.pdf
<b>Development of a European Side Impact Interior Headform Test Procedure.....</b>	18ESV-000138.pdf
<b>Development of a Finite Element Model of the Human Neck for Whiplash Simulation .....</b>	18ESV-000208.pdf
<b>Development of a Technology to Prevent Deviation from the Intended Lane when Turning Using Vehicle Dynamics Control.....</b>	18ESV-000145.pdf
<b>Development of ACC for Vehicle with Maual Transmission.....</b>	18ESV-000211.pdf
<b>Development of an Advanced 50th Percentile Male Head/Neck System for Application to Crash Test Dummies.....</b>	18ESV-000425.pdf
<b>Development of an Age-Dependent Thoracic Injury Criterion for Frontal Impact Restraint Loading .....</b>	18ESV-000072.pdf
<b>The Development of an Injury Criteria for Axial Loading to the THOR-Lx Based on PMHS Testing .....</b>	18ESV-000078.pdf
<b>Development of an Optical Occupant Position Sensor System to Improve Frontal Crash Protection.....</b>	18ESV-000426.pdf
<b>Development of ASV in Japan .....</b>	18ESV-000582.pdf
<b>Development of Finite Element Model for Child Pedestrian Protection.....</b>	18ESV-000151.pdf

# **CD Table of Contents**

(Filename used on CD are shown)

<b>Development of Future Pedestrian Protection Technologies.....</b>	18ESV-000165.pdf
<b>Development of ISO Pedestrian Child and Adult Head-Form Impactors .....</b>	18ESV-000443.pdf
<b>Development of LS-DYNA FE Models for Simulating EEVC Pedestrian Impact .....</b>	18ESV-000335.pdf
<b>Development of Neck Injury Assessment Criteria for the ISO 13232 Motorcyclist Anthropometric Test Dummy With the Revised Neck.....</b>	18ESV-000417.pdf
<b>Development of Night View System .....</b>	18ESV-000543.pdf
<b>Development of occupant classification system.....</b>	18ESV-000206.pdf
<b>Development of Plastic Components for Pedestrian Head Injury Risk Reduction .....</b>	18ESV-000294.pdf
<b>Development of Pre-Crash Active Seatbelt System .....</b>	18ESV-000189.pdf
<b>Development of Pre-Crash Safety System .....</b>	18ESV-000544.pdf
<b>Development of Rollover Curtain Shield Airbag System.....</b>	18ESV-000548.pdf
<b>Development of Test Procedures and Performance Criteria to Improve Compatibility in Car Frontal Collisions.....</b>	18ESV-000086.pdf
<b>The development of the Advanced European Mobile Deformable Barrier Face (AE-MDB).....</b>	18ESV-000126.pdf
<b>Differences in Air Bag Performance with Children in Various Restraint Configurations and Vehicle Types .....</b>	18ESV-000420.pdf
<b>Distinctive Feature of Traffic Accidents and In-depth Investigation In Japan .....</b>	18ESV-000496.pdf
<b>Driver Performance Evaluation of Two Rear Parking Aids .....</b>	18ESV-000522.pdf
<b>Drivers' load of voice interaction system in vehicles .....</b>	18ESV-000170.pdf
<b>EEVC Research in the Field of Improvement of Crash Compatibility Between Passenger Cars .....</b>	18ESV-000346.pdf
<b>Effect of Frontal Crash Pulse Variations on Occupant Injuries .....</b>	18ESV-000400.pdf

# **CD Table of Contents**

(Filename used on CD are shown)

<b>The effect of occupant protection by controlling airbag and seatbelt .....</b>	18ESV-000198.pdf
<b>Effect of Vehicle and Crash Factors on Older Occupant Injury.....</b>	18ESV-000102.pdf
<b>The effectiveness of ESP (Electronic Stability Programme) in reducing real life accidents.....</b>	18ESV-000261.pdf
<b>Effects of Vehicle Front Design Parameters on Pedestrian Head-Brain Injury Protection.....</b>	18ESV-000289.pdf
<b>Ejection through side windows: relevante and countermeasures.....</b>	18ESV-000530.pdf
<b>Enhanced Safety of Heavy Vehicles By Use of Automatic Control Devices.....</b>	18ESV-000536.pdf
<b>Essential Components of a Statistically Valid Crashworthiness Rating .....</b>	18ESV-000233.pdf
<b>Estimating Crash Severity: Can Event Data Recorders Replace Accident Reconstruction? .....</b>	18ESV-000490.pdf
<b>Estimating relative driver fatality and injury risk according to some characteristics of cars using matched-pair multivariate analysis .....</b>	18ESV-000364.pdf
<b>Estimating the Lives Saved by Seat Belts and Air Bags.....</b>	18ESV-000500.pdf
<b>An Estimation Methods for Emergency Handling Performance .....</b>	18ESV-000542.pdf
<b>Estimation of benefits resulting from impactor-testing for pedestrian protection .....</b>	18ESV-000142.pdf
<b>Evaluation of child restraints for Holden Commodores .....</b>	18ESV-000474.pdf
<b>Evaluation of Crash Types Associated with Test Protocols.....</b>	18ESV-000399.pdf
<b>An evaluation of existing and proposed injury criteria with various dummies to determine their ability to predict the levels of soft tissue neck injury seen in real world accidents .....</b>	18ESV-000504.pdf
<b>Evaluation of Indirect Tire Pressure Monitoring Systems Using Data from NHTSA's Tire Pressure Special Study .....</b>	18ESV-000259.pdf
<b>Evaluation of pedestrian protection structure using impactors and full-scale dummy test.....</b>	18ESV-000271.pdf

# **CD Table of Contents**

(Filename used on CD are shown)

<b>Evaluation of the response of computational and physical pedestrian knee joint models to bending and shear loading .....</b>	18ESV-000429.pdf
<b>Evaluation of Vehicle Stiffness Measures from the U.S. New Car Assessment Program.....</b>	18ESV-000527.pdf
<b>An Extendable and Retractable Knee Bolster.....</b>	18ESV-000323.pdf
<b>Eye Injury Incidence and Mechanisms in Frontal Automobile Crashes.....</b>	18ESV-000082.pdf
<b>FE Simulations of Car – Motorcycle Frontal Crashes , Validation and Observations .....</b>	18ESV-000040.pdf
<b>Fifth Percentile Female Hybrid III and Thor-FLx Performance in Sled Tests with Toepan Intrusion.....</b>	18ESV-000491.pdf
<b>Fire Safety Performance of Motor Vehicles in Crashes .....</b>	18ESV-000422.pdf
<b>Foundamental Relation between Firetime and Impact Severity Estimation Uncertainty .....</b>	18ESV-000481.pdf
<b>Frontal Collision Safety of Bus Passengers in Japan.....</b>	18ESV-000363.pdf
<b>Frontal Occupant Safety Simulations for Coach and Bus Passengers.....</b>	18ESV-000284.pdf
<b>A Fundamental Study of Frontal Oblique Offset Impacts .....</b>	18ESV-000264.pdf
<b>Government Status Report - Australia .....</b>	18ESV-000561.pdf
<b>Government Status Report - Canada.....</b>	18ESV-000562.pdf
<b>Government Status Report - European Commission .....</b>	18ESV-000563.pdf
<b>Government Status Report - European Enhanced Vehicle-safety Committee.....</b>	18ESV-000566.pdf
<b>Government Status Report - France .....</b>	18ESV-000564.pdf
<b>Government Status Report - Poland .....</b>	18ESV-000570.pdf
<b>Government Status Report - Sweden .....</b>	18ESV-000571.pdf
<b>Government Status Report - The Netherlands .....</b>	18ESV-000572.pdf

# **CD Table of Contents**

(Filename used on CD are shown)

<b>Government Status Report - United Kingdom .....</b>	18ESV-000573.pdf
<b>Government Status Report - United States .....</b>	18ESV-000574.pdf
<b>Government Status Reprot - Japan.....</b>	18ESV-000569.pdf
<b>Government Stauts Report - Germany.....</b>	18ESV-000567.pdf
<b>Government Stauts Report - Italy .....</b>	18ESV-000568.pdf
<b>Heavy trucks rollover simulation .....</b>	18ESV-000444.pdf
<b>HGV Cab Strength .....</b>	18ESV-000215.pdf
<b>How injury criteria correlate with the injury risk - a study analysing different parameters with respect to whiplash injury.....</b>	18ESV-000068.pdf
<b>Human Body Detection Technology by Thermoelectric Infrared Image Sensor .....</b>	18ESV-000207.pdf
<b>IHRA - Biomechanics Working Group Status Report.....</b>	18ESV-000578.pdf
<b>IHRA - Report of Working Group on Intelligent Transport Systems (ITS).....</b>	18ESV-000581.pdf
<b>IHRA - Side Impact Working Group Status Report.....</b>	18ESV-000579.pdf
<b>IHRA - Status Report of IHRA Compatibility and Frontal Impact Working Group.....</b>	18ESV-000402.pdf
<b>IHRA - Summary of IHRA Pedestrian Safety Working Group Activities (2003).....</b>	18ESV-000580.pdf
<b>Impacts of Recent Korean NCAP Programs in Automotive Safety...</b>	18ESV-000065.pdf
<b>The Importance of Dynamic Testing in Determining the Yaw Stability of Vehicles.....</b>	18ESV-000436.pdf
<b>An Improved Dummy Neck for the ISO 13232 Motorcyclist Anthropomorphic Test Dummy .....</b>	18ESV-000418.pdf
<b>Improvement of Compatibility of Passenger Vehicles - Next feasible steps .....</b>	18ESV-000287.pdf
<b>Influence of Passengers During Coach Rollover.....</b>	18ESV-000216.pdf

# **CD Table of Contents**

(Filename used on CD are shown)

<b>Injury Risks from Advanced Air Bags in Frontal Static Out-of-Position Tests.....</b>	18ESV-000427.pdf
<b>Injury Survivability .....</b>	18ESV-000306.pdf
<b>Innovative body structure for the self-protection of a small car in a frontal vehicle -to- vehicle crash.....</b>	18ESV-000239.pdf
<b>Insurance Institute for Highway Safety Side Impact Crashworthiness Evaluation Program: Impact Configuration and Rationale .....</b>	18ESV-000172.pdf
<b>Introduction of the Regulation of Pedestrian Head Protection in Japan .....</b>	18ESV-000503.pdf
<b>Investigation of new side impact test procedures in Japan.....</b>	18ESV-000328.pdf
<b>An Investigation of Occupant Injury in Rollover: NASS-CDS Data Analysis of Injury Severity and Source by Vehicle Type and Rollover Attributes .....</b>	18ESV-000419.pdf
<b>An Investigation of Side Impact Testing Methodologies for Child Restraint Systems using Finite Element Simulations .....</b>	18ESV-000121.pdf
<b>Investigation of the Protection of Children in Minibuses and Coaches .....</b>	18ESV-000345.pdf
<b>A Lane Keeping Assist System for Passenger Cars -Design Aspects for the Driver Interface-.....</b>	18ESV-000529.pdf
<b>Large School Bus Safety Restraint Evaluation - NHTSA .....</b>	18ESV-000313.pdf
<b>Large Truck Crash Causation Study in the United States .....</b>	18ESV-000252.pdf
<b>Lumped Spring-Mass Model of ES-2 dummy and Parametric Evaluation of Design Variables to Improve Side Impact Performance .....</b>	18ESV-000398.pdf
<b>MADYMO Modeling Method of Rollover Event and Occupant Behavior in Each Rollover Initiation Type.....</b>	18ESV-000236.pdf
<b>Market Response to Adaptive Cruise Control .....</b>	18ESV-000334.pdf
<b>Measuring and Modeling of Driver for Detecting Unusual Behavior for Driving Assistance .....</b>	18ESV-000456.pdf

# **CD Table of Contents**

(Filename used on CD are shown)

<b>Merging lateral cameras information with proprioceptive sensors in vehicle location gives centimetric precision.....</b>	18ESV-000459.pdf
<b>A methodology for estimating vehicle rollover propensity .....</b>	18ESV-000222.pdf
<b>Methodology for the Development and Validation of Injury Predicting Algorithms .....</b>	18ESV-000467.pdf
<b>Modeling of a Motorcycle for Collision Simulation.....</b>	18ESV-000157.pdf
<b>Modification and Validation of Human Neck Model under Direct Head Loading .....</b>	18ESV-000333.pdf
<b>Moped and mofa accidents in the Netherlands from 1999-2001: accident and injury causation.....</b>	18ESV-000348.pdf
<b>Multibody Analysis of M3 Bus Rollover: Structural Behaviour and Passenger Injury Risk .....</b>	18ESV-000288.pdf
<b>Multiple Two-Impact Crashes - Implications for Occupant Protection Technologies.....</b>	18ESV-000512.pdf
<b>New Accident Research System of German Insurers and Highlights of the Main Topics.....</b>	18ESV-000494.pdf
<b>New front structural design to improve compatibility .....</b>	18ESV-000094.pdf
<b>New Method for Biofidelity Evaluation of Dummy Necks.....</b>	18ESV-000343.pdf
<b>NHTSA Side Impact Research: Status and Update .....</b>	18ESV-000492.pdf
<b>NHTSA's Research Program for Vehicle Compatibility .....</b>	18ESV-000307.pdf
<b>NHTSA's Review of High-Resolution Load Cell Walls' Role in Designing for Compatibility.....</b>	18ESV-000393.pdf
<b>NHTSA's Tire Pressure Special Study, February 2001 .....</b>	18ESV-000256.pdf
<b>NHTSA's Vehicle Parameter and Crash Test Databases.....</b>	18ESV-000403.pdf
<b>Numerical fleet optimization studies for improved compatibility.....</b>	18ESV-000445.pdf
<b>On The Spot Crash Investigations in the UK: New Insights for Vehicle Safety Research .....</b>	18ESV-000353.pdf

# **CD Table of Contents**

(Filename used on CD are shown)

<b>Onboard Road Obstacles Detection in Night Condition Using Binocular CCD Cameras.....</b>	18ESV-000109.pdf
<b>Optimal frontal vehicle crash pulses - A numerical method for design.....</b>	18ESV-000514.pdf
<b>Overhead Capacitive Sensing System For Driver Alertness Self-Monitoring.....</b>	18ESV-000179.pdf
<b>An Overview of Knee-Thigh-Hip Injuries in Automobile Crashes in the United States .....</b>	18ESV-000416.pdf
<b>An Overview of NHTSA's Recent Light Vehicle Dynamic Rollover Propensity Research and Consumer Information Program .....</b>	18ESV-000488.pdf
<b>Pan-European Co-ordinated Accident and Injury Databases.....</b>	18ESV-000361.pdf
<b>Parameter optimization for vehicle-to-vehicle crash compatibility using Finite Element Methods .....</b>	18ESV-000238.pdf
<b>Passenger Casualties in Non-Collision Incidents on Buses and Coaches in Great Britain.....</b>	18ESV-000296.pdf
<b>Passive Safety of Trucks in Frontal and Rear Collisions with Cars ..</b>	18ESV-000341.pdf
<b>Pedestrian crash reconstruction using multi-body modeling with geometrically detailed, validated vehicle models and advanced pedestrian injury criteria .....</b>	18ESV-000468.pdf
<b>The Performance of Advanced Airbag-equipped Vehicles in Frontal Crashes.....</b>	18ESV-000414.pdf
<b>Performance of Seating Systems in FMVSS No. 301 Rear Crash Tests.....</b>	18ESV-000248.pdf
<b>Perspectives on Vehicle Crash Compatibility and Relationship to Other Safety Criteria .....</b>	18ESV-000412.pdf
<b>Potential Effects of Automatic Crash Notification (ACN) on Air Medical Services: Trauma Scene Transport Utilization Patterns.....</b>	18ESV-000392.pdf
<b>Pre-Crash Sensor for Pre-Crash Safety.....</b>	18ESV-000545.pdf
<b>PRE-SAFE - The next Step in the Enhancement of Vehicle Safety ...</b>	18ESV-000410.pdf

# **CD Table of Contents**

(Filename used on CD are shown)

<b>Proposition of a method to evaluate active safety handling qualities .....</b>	18ESV-000120.pdf
<b>Protecting Children in Car Crashes: the Australian Experience.....</b>	18ESV-000193.pdf
<b>Protecting Small Cars and Severe Crashes - Smart Structure Solution .....</b>	18ESV-000080.pdf
<b>Protection of bus drivers in frontal collisions.....</b>	18ESV-000359.pdf
<b>Real-world Accident Data ;V Coordinated Methodologies for Data Collection to Improve Vehicle and Road Safety .....</b>	18ESV-000260.pdf
<b>Rear-end Collision Avoidance Assist System .....</b>	18ESV-000405.pdf
<b>Recent Trends in Fatal Motorcycle Crashes .....</b>	18ESV-000247.pdf
<b>Reducing Highway Deaths and Disabilities with Automatic Wireless Transmission of Serious Injury Probability Ratings from Vehicles in Crashes to EMS .....</b>	18ESV-000406.pdf
<b>Relative Degradation of Safety to Children when Automotive Restraint Systems are Misused .....</b>	18ESV-000085.pdf
<b>Research of an advanced seat belt system .....</b>	18ESV-000480.pdf
<b>Research on Vehicle Compatibility in Japan .....</b>	18ESV-000113.pdf
<b>Research to Evaluate Safety Technologies for Vulnerable Fuel Tanks.....</b>	18ESV-000230.pdf
<b>Response characteristic of various side impact dummies .....</b>	18ESV-000354.pdf
<b>A review and development of the IHRA pedestrian model.....</b>	18ESV-000499.pdf
<b>A review of ‘B’-pillar and front seat belt loads measured in ANCAP offset frontal crash tests.....</b>	18ESV-000192.pdf
<b>Review of Car Frontal Stiffness Equations for Estimating Vehicle Impact Velocities .....</b>	18ESV-000439.pdf
<b>A Review of Pediatric Pedestrian Injuries at a Level I Trauma Center.....</b>	18ESV-000140.pdf
<b>Rider acceptance of advanced safety technology. A basic requirement for improved safety.Concept, experience and results</b>	

# **CD Table of Contents**

(Filename used on CD are shown)

<b>of a multimedia communication campaign on antilock motorcycle brakes.....</b>	18ESV-000423.pdf
<b>The role of impact velocity and change of velocity in side impacts....</b>	18ESV-000219.pdf
<b>The Role of Seatback and Head Restraint Design Parameters on Rear Impact Occupant Dynamics .....</b>	18ESV-000229.pdf
<b>Rollover Crashes - Real World Studies, Tests and Safety Systems....</b>	18ESV-000368.pdf
<b>Rollover Resistance Test Procedure Involving Maximum Roll Momentum.....</b>	18ESV-000321.pdf
<b>Safety Evaluation of Forward Obstacles Collision Avoidance Support Service using Driving Simulator .....</b>	18ESV-000188.pdf
<b>The safety impact of substituting manual operation of in-vehicle tasks with voice control .....</b>	18ESV-000084.pdf
<b>Safety of light commercial vehicles in the light of the results of real world crashes and laboratory testing .....</b>	18ESV-000181.pdf
<b>Safety Systems To Reduce The Rollover Risk Of Vehicles .....</b>	18ESV-000383.pdf
<b>SARAC - Safety Rating Based on Real-World Crashes for Supplementation of New Car Assessment Programs .....</b>	18ESV-000175.pdf
<b>Scientific Approach and Methodology of a New In-depth Investigation Study in Germany so called GIDAS.....</b>	18ESV-000161.pdf
<b>A Seat Belt Buckle Pretensioner and Load-Limiter Combo Device ..</b>	18ESV-000144.pdf
<b>Seat component to prevent whiplash injury.....</b>	18ESV-000224.pdf
<b>Side Airbag Deployments in the UK – Initial Case Reviews.....</b>	18ESV-000100.pdf
<b>Side Impact Sled Test Methodology for Investigation to Reduce Injury Index.....</b>	18ESV-000266.pdf
<b>The significance of ISOFIX in reducing misuse -Analysis of potential on the basis of field observations and sled tests .....</b>	18ESV-000495.pdf
<b>Simulation of 2-wheeled Rider to Car Accident scenarios, using an adapted LS-DYNA pedestrian humanoid.....</b>	18ESV-000079.pdf

# **CD Table of Contents**

(Filename used on CD are shown)

<b>Simulation of Driver, Vehicle and Environmental Aspects of Crash Initiation - A New Method to Improve Integrated Safety Effectiveness .....</b>	18ESV-000356.pdf
<b>Simulation of Occupant Kinematics in Vehicle Rollover - Dummy Model versus Human Model .....</b>	18ESV-000202.pdf
<b>Spanish CRS Use and Effectiveness Survey Results.....</b>	18ESV-000122.pdf
<b>Special Crash Investigations of Restrained Child Occupants .....</b>	18ESV-000302.pdf
<b>State-of-the-art of the SNRA/JARI/BAST joint research on driver workload measurement within the framework of IHRA-ITS .....</b>	18ESV-000242.pdf
<b>Status of NHTSA's Ejection Mitigation Research Program.....</b>	18ESV-000342.pdf
<b>The Strain-Rate Dependence of Mechanical Properties of Rabbit Knee Ligaments.....</b>	18ESV-000115.pdf
<b>A study for fast analysis method of vehicle body structure for offset crash.....</b>	18ESV-000327.pdf
<b>A Study of Compatibility Test Procedures in Frontal Impact .....</b>	18ESV-000437.pdf
<b>A Study of Whiplash Injury Occurrence Mechanisms Using Human Finite Element Model.....</b>	18ESV-000195.pdf
<b>A Study on driver behavior during braking on open road .....</b>	18ESV-000340.pdf
<b>Study on Fuel Leakage Measurement System for Fuel Cell Vehicles .....</b>	18ESV-000520.pdf
<b>A Study on the Onset Timing of Collision Avoidance Assistance System for Minimizing the Over-reliance on the System.....</b>	18ESV-000506.pdf
<b>Universal Coach Safety Seat .....</b>	18ESV-000217.pdf
<b>Updated Biofidelity Rating of the Revised WorldSID Prototype Dummy.....</b>	18ESV-000388.pdf
<b>The Upper-Body Response of Thor in Frontal Barrier Tests.....</b>	18ESV-000125.pdf
<b>Using Parameter Optimization To Characterize Driver Performance in Rear-End Driving Scenarios.....</b>	18ESV-000305.pdf

# **CD Table of Contents**

(Filename used on CD are shown)

<b>Validating Lower Limb Injury Mechanisms in Side Impact Crashes.....</b>	18ESV-000448.pdf
<b>Validation of Neck Injury Criteria Using Reconstructed Real-Life Rear-end Crashes with Recorded Crash Pulses.....</b>	18ESV-000344.pdf
<b>Validation of the Human Head FE Model against Pedestrian Accident and Its Tentative Application to the Examination of the Existing Tolerance Curve.....</b>	18ESV-000322.pdf
<b>Vehicle Front Structure in Consideration of Compatibility .....</b>	18ESV-000518.pdf
<b>Vehicle Incompatibility Affects Occupant Extrication after Motor Vehicle Crashes .....</b>	18ESV-000507.pdf
<b>Vehicle rollover - An important element in multiple impact crashes.....</b>	18ESV-000254.pdf
<b>Vehicle-to-Vehicle Full Frontal Compatibility Crash Optimization Using a CAE-Based Methodology .....</b>	18ESV-000413.pdf
<b>What we learned from JNCAP and our proposals .....</b>	18ESV-000244.pdf
<b>Whiplash injuries, not only a problem in rear end impact.....</b>	18ESV-000214.pdf